

SWITCHING POWER SUPPLY

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Inventor(s): WATANABE TOSHIO +

Applicant(s): COSEL CO LTD +

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- **international:** H02M3/155; H02M3/28; H02M7/12; H02M3/04; H02M3/24; H02M7/12; (IPC1-7): H02M3/28; H02M7/12

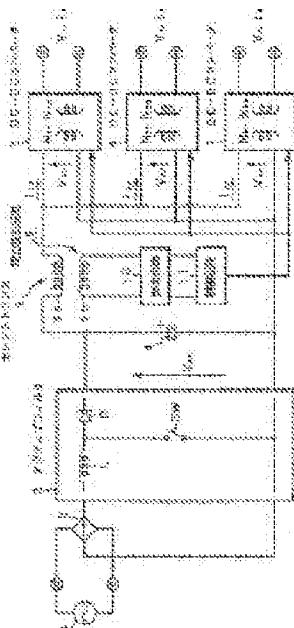
- **European:**

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Abstract of JP 2001145347 (A)

PROBLEM TO BE SOLVED: To accurately detect the total output voltage of a switching power supply from multiple outputs even when the AC input voltage of the power supply fluctuates. **SOLUTION:** A switching power supply which makes multiple outputs by means of a plurality of DC-DC converters 5-7 is provided with a boosting power factor improving circuit 3 which outputs a constant voltage to the converters 5-7 and a power detecting circuit 8 which detects the total output power P supplied from the converters 5-7 to loads based on the input voltage VAF and input current from the improving circuit 3 and the duties D of the converters 5-7.



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